

Chapter 4 Worksheet 5 equals() vs. ='s

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Pts: 15

Name _____

class hour _____

I. Given the following code fragment answer whether the following expressions are true or false

```
String s1 = "I understand";  
String s2 = s1;  
String s3 = "I understand";
```

- | | |
|------------------|----------|
| 1) s1 == s2 | 1) _____ |
| 2) s1.equals(s2) | 2) _____ |
| 3) s1 == s3 | 3) _____ |
| 4) s1.equals(s3) | 4) _____ |
| 5) s2.equals(s3) | 5) _____ |

II. Given the following code fragment answer whether the following expressions are true or false

```
String s1 = "I understand";  
String s2 = s1;  
String s3 = new String("I understand");
```

- | | |
|------------------|----------|
| 1) s1 == s2 | 1) _____ |
| 2) s1.equals(s2) | 2) _____ |
| 3) s1 == s3 | 3) _____ |
| 4) s1.equals(s3) | 4) _____ |
| 5) s2.equals(s3) | 5) _____ |

III. Given the following code fragment answer whether the following expressions are true or false

```
String s1 = "hello";  
String s2 = s1;  
String s3 = "hello";  
s1 = "bye";
```

- | | |
|------------------|----------|
| 1) s1.equals(s2) | 1) _____ |
| 2) s1 == s3 | 2) _____ |
| 3) s1.equals(s3) | 3) _____ |
| 4) s2 == s3 | 4) _____ |
| 5) s2.equals(s3) | 5) _____ |